

Supplemental Table S2: p-values from Mantel-Cox test assessing survivability of *Galleria mellonella* following infection with *Acinetobacter baumannii*, Related to Figures 1, and S1.

Drug	Drug	Treatment type	p-value	Figure
DMSO	SCH-79797	Infection and drug	0.0006	1D
DMSO	Merapenem	Infection and drug	0.0023	1D
DMSO	Gentamicin	Infection and drug	<0.0001	1D
DMSO	Rifampicin	Infection and drug	0.004	1D
SCH-79797	Merapenem	Infection and drug	0.2642	1D
SCH-79797	Gentamicin	Infection and drug	0.1255	1D
SCH-79797	Rifampicin	Infection and drug	0.3371	1D
Gentamicin	Merapenem	Infection and drug	0.0078	1D
Gentamicin	Rifampicin	Infection and drug	0.0134	1D
Rifampicin	Merapenem	Infection and drug	0.9975	1D
DMSO	SCH-79797	Drug only	0.4838	S1
DMSO	Merapenem	Drug only	0.0541	S1
DMSO	Gentamicin	Drug only	0.0541	S1
DMSO	Rifampicin	Drug only	0.0136	S1
SCH-79797	Merapenem	Drug only	0.0074	S1
SCH-79797	Gentamicin	Drug only	0.0083	S1
SCH-79797	Rifampicin	Drug only	0.0019	S1
Gentamicin	Merapenem	Drug only	0.9755	S1
Gentamicin	Rifampicin	Drug only	0.3175	S1
Rifampicin	Merapenem	Drug only	0.3175	S1

Supplemental Table S3: The 14 features evaluated in Bacterial Cytological Profiling analysis, Related to Figures 2, 6, and S2.

Cell Area
Cell Length
Cell Width
Cell Eccentricity
Cell Perimeter
Nucleoid Area
Ratio of Nucleoid to Cell
Nucleoid Eccentricity
DNA Length
DNA Width
DNA Perimeter
Mean Sytox
Mean FM4-64
Mean DAPI